

Pulp - Issue #1923

POST /pulp/api/v2/content/actions/delete_orphans/ is broken

05/17/2016 07:56 PM - Ichimonji10

Status:	CLOSED - NOTABUG	Start date:	
Priority:	Urgent	Due date:	
Assignee:	jortel@redhat.com	Estimated time:	0:00 hour
Category:			
Sprint/Milestone:			
Severity:	2. Medium	Groomed:	No
Version:	2.8.3	Sprint Candidate:	No
Platform Release:	2.8.5	Tags:	Pulp 2
OS:		Sprint:	
Triaged:	Yes	Quarter:	

Description

According to the documentation, it's possible to remove orphaned content units by type and id. [1] It can be done with a call like the following:

```
POST /pulp/api/v2/content/actions/delete_orphans/ HTTP/1.1
Host: pulp.example.com
Content-Type: application/json

{"content_type_id": "erratum", "unit_id": "abc123"}
```

According to the Pulp 2.4 release notes, this feature is deprecated. [2] However, semantic versioning implies that this feature won't be released until Pulp version 3. This API call has broken and been fixed in the past. [3] I've tested this API call against Pulp 2.8.3 on Fedora 23.

- <http://pulp.readthedocs.io/en/latest/dev-guide/integration/rest-api/content/orphan.html#remove-orphaned-content-units-by-type-and-id>
- <http://pulp.readthedocs.io/en/latest/user-guide/release-notes/2.4.x.html#other-changes>
- https://bugzilla.redhat.com/show_bug.cgi?id=1092467

History

#1 - 05/20/2016 05:13 PM - mhrivnak

- Priority changed from Normal to Urgent
- Platform Release set to 2.8.4
- Triaged changed from No to Yes

#2 - 05/20/2016 05:17 PM - amacdona@redhat.com

Whoever fixes this should have a look at webservices/views/content OrphanCollectionView.delete to see how this should be done.

#3 - 05/20/2016 05:35 PM - Ichimonji10

Sample of how to trigger the issue:

```
(pulp-smash3) [ichimonji10@beech:pulp-smash]$ git diff
diff --git a/pulp_smash/tests/rpm/api_v2/test_orphan_remove.py b/pulp_smash/tests/rpm/api_v2/test_orphan_remove.py
index af75b80..65d3b52 100644
--- a/pulp_smash/tests/rpm/api_v2/test_orphan_remove.py
+++ b/pulp_smash/tests/rpm/api_v2/test_orphan_remove.py
@@ -136,8 +136,8 @@ class OrphansTestCase(utils.BaseAPITestCase):
     """
     This test exercises `Pulp #1923 <https://pulp.plan.io/issues/1923>`.
     """
     if selectors.bug_is_untestable(1923, self.cfg.version):
         self.skipTest('https://pulp.plan.io/issues/1923')
     # if selectors.bug_is_untestable(1923, self.cfg.version):
```

```

+ # self.skipTest('https://pulp.plan.io/issues/1923')
  client = api.Client(self.cfg, api.json_handler)
  orphans_pre = client.get(ORPHANS_PATH)
  orphan = random.choice(client.get(urljoin(ORPHANS_PATH, 'erratum/')))
(pulp-smash3) [ichimonji10@beech:pulp-smash]$ python -m unittest2 pulp_smash.tests.rpm.api_v2.test_orphan_remove
...E..

```

```

ERROR: test_02_delete_by_type_and_id (pulp_smash.tests.rpm.api_v2.test_orphan_remove.OrphansTestCase)
Delete an orphan by its ID and type.

```

```

Traceback (most recent call last):

```

```

  File "/home/ichimonji10/code/pulp-smash/pulp_smash/tests/rpm/api_v2/test_orphan_remove.py", line 146, in tes
t_02_delete_by_type_and_id
    'unit_id': orphan['_id'],
  File "/home/ichimonji10/code/pulp-smash/pulp_smash/api.py", line 281, in post
    return self.request('POST', url, json=json, **kwargs)
  File "/home/ichimonji10/code/pulp-smash/pulp_smash/api.py", line 319, in request
    requests.request(method, **request_kwargs),
  File "/home/ichimonji10/code/pulp-smash/pulp_smash/api.py", line 120, in json_handler
    _handle_202(server_config, response)
  File "/home/ichimonji10/code/pulp-smash/pulp_smash/api.py", line 86, in _handle_202
    _check_tasks(tasks)
  File "/home/ichimonji10/code/pulp-smash/pulp_smash/api.py", line 76, in _check_tasks
    raise exceptions.TaskReportError(msg)

```

```

pulp_smash.exceptions.TaskReportError: Task report /pulp/api/v2/tasks/20e6758b-b869-47c8-a10a-7fc284f40f4e/ co
ntains a error: {'data': {'property_names': ['content_type_id', 'unit_id'], 'properties': ["['content_type_id',
'unit_id']"}, 'code': 'PLP0015', 'sub_errors': [], 'description': "Invalid properties: ['content_type_id', 'u
nit_id']"}

```

```

Full task report: {'progress_report': {}, '_id': {'$oid': '573f2e04e64aa79aacd7647a'}, 'tags': ['pulp:action:d
elete_orphans', 'pulp:content_unit:orphans'], 'id': '573f2e04e64aa79aacd7647a', 'worker_name': 'celery', 'queu
e': 'celery.dq', 'task_type': 'pulp.server.managers.content.orphan.delete_orphans_by_id', 'traceback': 'Traceb
ack (most recent call last):\n  File "/usr/lib/python2.7/site-packages/celery/app/trace.py", line 240, in trac
e_task\n    R = retval = fun(*args, **kwargs)\n  File "/usr/lib/python2.7/site-packages/pulp/server/async/task
s.py", line 473, in __call__\n    return super(Task, self).__call__(*args, **kwargs)\n  File "/usr/lib/python2
.7/site-packages/pulp/server/async/tasks.py", line 103, in __call__\n    return super(PulpTask, self).__call__
(*args, **kwargs)\n  File "/usr/lib/python2.7/site-packages/celery/app/trace.py", line 437, in __protected_cal
l__\n    return self.run(*args, **kwargs)\n  File "/usr/lib/python2.7/site-packages/pulp/server/managers/cont
ent/orphan.py", line 191, in delete_orphans_by_id\n    raise pulp_exceptions.InvalidValue(['content_type_id',
'\nunit_id\n'])\nInvalidValue: Invalid properties: ['content_type_id', '\nunit_id\n'], '_ns': 'task_status',
'spawned_tasks': [], 'finish_time': '2016-05-20T15:32:20Z', 'exception': None, '_href': '/pulp/api/v2/tasks/2
0e6758b-b869-47c8-a10a-7fc284f40f4e/', 'task_id': '20e6758b-b869-47c8-a10a-7fc284f40f4e', 'state': 'error', 'e
rror': {'data': {'property_names': ['content_type_id', 'unit_id'], 'properties': ["['content_type_id', 'unit_id
']"}, 'code': 'PLP0015', 'sub_errors': [], 'description': "Invalid properties: ['content_type_id', 'unit_id']"
}, 'result': None, 'start_time': '2016-05-20T15:32:20Z'}

```

```

Ran 6 tests in 34.984s

```

```

FAILED (errors=1)

```

#4 - 05/20/2016 05:37 PM - Ichimonji10

Here's the properly formatted traceback:

```

Traceback (most recent call last):

```

```

  File "/usr/lib/python2.7/site-packages/celery/app/trace.py", line 240, in trace_task
    R = retval = fun(*args, **kwargs)
  File "/usr/lib/python2.7/site-packages/pulp/server/async/tasks.py", line 473, in __call__
    return super(Task, self).__call__(*args, **kwargs)
  File "/usr/lib/python2.7/site-packages/pulp/server/async/tasks.py", line 103, in __call__
    return super(PulpTask, self).__call__(*args, **kwargs)
  File "/usr/lib/python2.7/site-packages/celery/app/trace.py", line 437, in __protected_call__
    return self.run(*args, **kwargs)
  File "/usr/lib/python2.7/site-packages/pulp/server/managers/content/orphan.py", line 191, in delete_orphans_
by_id
    raise pulp_exceptions.InvalidValue(['content_type_id', 'unit_id'])
InvalidValue: Invalid properties: ['content_type_id', 'unit_id']

```

#5 - 05/20/2016 09:51 PM - jortel@redhat.com

- Status changed from NEW to ASSIGNED

- Assignee set to jortel@redhat.com

#6 - 05/20/2016 11:01 PM - jortel@redhat.com

According to the API documentation [1] the posted document needs to be an *Array*.
Reproduced by calling with the document being a dictionary instead of a list. When called correctly, it seems to work.

```
[jortel@f23d ~]$ curl -X POST -k -H "Content-Type: application/json" https://admin:admin@localhost/pulp/api/v2/content/actions/delete_orphans/ -d [{"content_type_id": "erratum", "unit_id": "abc123"}]
{"spawned_tasks": [{"_href": "/pulp/api/v2/tasks/32592408-1bf1-4ad0-8d33-5f7fd4e38f05/", "task_id": "32592408-1bf1-4ad0-8d33-5f7fd4e38f05"}], "result": null, "error": null}
pulp-admin tasks details --task-id=32592408-1bf1-4ad0-8d33-5f7fd4e38f05
```

```
+-----+
|                                     |
|                               Task Details                               |
|                                     |
+-----+
```

```
Operations:      delete_orphans
Resources:      orphans (content_unit)
State:          Successful
Start Time:     2016-05-20T20:55:25Z
Finish Time:    2016-05-20T20:55:25Z
Result:         N/A
Task Id:        32592408-1bf1-4ad0-8d33-5f7fd4e38f05
Progress Report:
```

1. <http://pulp.readthedocs.io/en/latest/dev-guide/integration/rest-api/content/orphan.html#remove-orphaned-content-units-by-type-and-id>

#7 - 05/25/2016 07:29 PM - Ichimonji10

/me facepalms

#8 - 05/25/2016 07:45 PM - Ichimonji10

<https://github.com/PulpQE/pulp-smash/pull/272>

#9 - 05/26/2016 04:20 PM - Ichimonji10

This issue can be marked as NOTABUG.

#10 - 05/26/2016 09:09 PM - semyers

- Platform Release changed from 2.8.4 to 2.8.5

#11 - 06/02/2016 09:48 PM - semyers

- Status changed from ASSIGNED to CLOSED - NOTABUG

#12 - 04/15/2019 10:30 PM - bmbouter

- Tags Pulp 2 added

#13 - 06/16/2020 10:54 PM - bmbouter

- Category deleted (14)

We are removing the 'API' category per open floor discussion June 16, 2020.